

MOLLUSCAN NAMES AND MALACOLOGICAL CONTRIBUTIONS OF WOLFGANG KARL WEYRAUCH (1907–1970) WITH A BRIEF BIOGRAPHY

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ABSTRACT

Wolfgang Karl Weyrauch (1907–1970) studied land and freshwater gastropods of South America, mainly taxa belonging to the families Camaenidae, Charopidae, Clausiliidae, Endodontidae, Helicinidae, “Hydrobiidae”, Orthalicidae, Pupillidae, Scolodontidae, Subulinidae, and Urocoptidae. Here we list the 198 molluscan names introduced by Weyrauch and all of his publications of malacological interest. A brief biography of Weyrauch and a list of taxa named for him are also provided.

Key words: Mollusca, Gastropoda, Wolfgang Karl Weyrauch, bibliography.

RESUMEN

Wolfgang Karl Weyrauch (1907–1970) se dedicó al estudio taxonómico de gasterópodos sudamericanos terrestres y dulceacuícolas, en su mayoría integrantes de las familias Camaenidae, Charopidae, Clausiliidae, Endodontidae, Helicinidae, “Hydrobiidae”, Orthalicidae, Pupillidae, Scolodontidae, Subulinidae y Urocoptidae. Se presenta el inventario de los 198 nombres de moluscos introducidos por Weyrauch y una lista completa de sus trabajos de interés malacológico. Se incluye además una breve biografía de Weyrauch y los nombres de especies descriptas en su honor.

Palabras clave: Mollusca, Gastropoda, Wolfgang Karl Weyrauch, bibliografía.

INTRODUCTION

Wolfgang Karl Weyrauch (1907–1970), one of the most proficient malacologists of his time, contributed substantially to our knowledge of South American mollusc diversity. This contribution is reflected by the large number of Weyrauch specimens deposited in museums worldwide.

Weyrauch sometimes distributed named shells, some labeled as type specimens, before formally publishing their descriptions. Un-

fortunately, Weyrauch died before publishing many manuscript names, and according to Zilch (1970), Weyrauch intended to describe of 50 new gastropod species just before his death in a manuscript that was never published.

Shortly after Weyrauch’s death, Zilch (1970) published a bibliography of his entomological and malacological papers, with a list of his new mollusc names. However, this paper is in a journal available in few libraries in South America, where Weyrauch conducted his malacological research, and it omits one Weyrauch paper and four taxa. It is not surprising that curators are often puzzled as to the validity of some labels and names applied to Weyrauch’s material.

This paper inventories of the molluscan names made available by Weyrauch and lists his publications of malacological interest. We also provide a partial list of the type material of his species based on the original descriptions and on discussions with malacological curators. A brief summary of Weyrauch’s life is provided following Aguilar (1970), Duarte (1970), Lamas (1981), Willink (1999), and Zilch (1970).

BIOGRAPHY

Born on December 7, 1907, in Elberfeld, Germany, Wolfgang Karl Weyrauch obtained a PhD in 1929 at Friedrich Wilhelm Univer-

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sity, Berlin, completing a thesis on insect neurophysiology. From 1928 to 1929, he worked as Assistant in Zoology to Richard Hesse, one of the pioneers of animal ecology. Between 1931 and 1943, Weyrauch worked for the German Council of Scientific Research doing entomological and ecological field studies in Europe and North Africa. By 1938, Weyrauch was in Peru, where he worked as entomologist at the Estación Agrícola de La Molina in Lima until 1946, when he began work at the Estación Experimental Agrícola de Tingo Maria, also in Lima. During the Second World War, Weyrauch spent a few years in Texas, U.S.A., where he did field work in entomology and malacology. From 1948 to 1961, he worked at the Museo Nacional de Historia Natural, Facultad de Ciencias, Universidad Mayor de San Marcos, Lima, where he was a professor of systematic zoology, animal ecology, zoogeography, and genetics. From 1959 to 1961, he also worked as professor of agricultural zoology at the Facultad de Agronomía de la Pontificia Universidad Católica del Lima. In



FIG. 1. Wolfgang Karl Weyrauch, 1907–1970. Image from portrait in the Fundación Miguel Lillo, Tucumán, Argentina; also reproduced in Aguilar (1970).

1962, Weyrauch moved to Argentina, and became a researcher and professor at the Instituto Miguel Lillo, Tucumán, where he remained until his death of a heart attack on July 21, 1970.

Despite his initial dedication to entomology, Weyrauch changed the focus of his research to the Mollusca when he moved to South America, because this group better satisfied his interests in systematics, ecology, and biogeography. He collected extensively, including marine molluscs, and sent duplicate material to museums and private collectors throughout the world. He discovered many new taxa, which he often studied in collaboration with other experienced malacologists and collectors, such as Joseph Bequaert, Fritz Haas, Miguel Klappenbach, Henry A. Pilsbry, Fritz Seidl, and Adolf Zilch. His work focused primarily on the terrestrial and freshwater gastropods of Argentina, Bolivia, Brazil, Ecuador, Peru, Uruguay, and Venezuela.

Weyrauch's first malacological contribution was the description of four new gastropod species and appeared in a paper by Zilch (1954). From 1956 until 1967, he published 23 papers of malacological interest, mostly descriptions of new taxa based chiefly on shell characters. Papers with malacological content but without descriptions of new taxa are Meyer & Weyrauch (1965a, b), Weyrauch (1967c), and Weyrauch & Coronado (1958).

According to Willink (1999), Weyrauch was not very kind and rejected the opinions of many colleagues and students. Aguilar (1970) described him as a very devoted and sage professor. An indefatigable worker, Weyrauch arrived in the laboratory at 3 or 4 p.m., and then worked all night, until his wife, Imelda Valdizán de Weyrauch, came to take him home in the morning. A compulsive smoker, his laboratory was a noxious environment, contributing to an antisocial way of life.

In the Mollusca, Weyrauch described 119 species, 45 subspecies, 10 genera, and 20 subgenera (one unavailable), and he renamed four homonyms. As a result of his wide academic collaboration, several species were named in his honor, including at least five molluscs, one scorpion, and a number of insects.

Weyrauch's private collection (WW) is now mainly in the Fundación Miguel Lillo (FML), Argentina (Drahg & Cuezco, 1999), and the Museo de Historia Natural (MHN), Peru. The Field Museum in Chicago, Illinois, U.S.A., purchased many lots from his widow after his death. The present status of the Angel E. Florez collection (Cuzco, Peru) is unknown to us.

Collection Abbreviations

AM	See next entry
AMS	The Australian Museum, Sydney, Australia [originally indicated by Weyrauch as AM]
ANSP	Academy of Natural Sciences of Philadelphia, Pennsylvania, U.S.A.
BML	See next entry
BMNH	British Museum (Natural History) collection, The Natural History Museum, London, U.K. [originally indicated by Weyrauch as BML]
CAS	California Academy of Sciences [Invertebrate Zoology type collection], San Francisco, California, U.S.A.
CNHM	See next entry
FMNH	Field Museum of Natural History, Chicago, Illinois, U.S.A. [originally indicated by Weyrauch as CNHM, Chicago Natural History Museum]
FEL	Weyrauch's abbreviation for the collection of Frederik Elisa Loosjes, Wageningen-Hoog, The Netherlands; now in the Nationaal Natuurhistorisch Museum [Naturalis], Leiden, The Netherlands
FML	Fundación Miguel Lillo, Tucumán, Argentina [formerly Instituto Miguel Lillo, with lots referred to by Weyrauch as IML]
IML	See preceeding entry
MCZ	Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, U.S.A.
MHN	Museo de Historia Natural, Lima, Peru
MNRJ	Museu Nacional, Universidade Federal do Rio de Janeiro, Brazil
MRCN	Museu Rio-Grandense de Ciências Naturais, Porto Alegre, Brazil
NMC	National Museum of Canada, Ontario, Canada
NNM	Nationaal Natuurhistorisches Museum, Leiden, The Netherlands [originally indicated by Weyrauch as RML, Rijks Museum van Natuurlijke Histoire]
RML	See previous entry
SBMNH	Santa Barbara Museum of Natural History, Santa Barbara, California, U.S.A.
SMF	Naturmuseum Senckenberg, Frankfurt am Main, Germany
USNM	United States National Museum collection, National Museum of Natural History, Smithsonian Institution, Washington, D.C., U.S.A.

WW	Original Weyrauch collection numbers
ZMB	Museum für Naturkunde, Humboldt-Universität Berlin, Germany

Other Abbreviations

HT	Holotype
PT	Paratype

MOLLUSCAN NAMES INTRODUCED BY
W. K. WEYRAUCH

Weyrauch's new taxa – species, subspecies, genera, and subgenera – appear in alphabetical order. The type material he mentioned or that has come to our attention for each species is given. The entries in bold face indicate data that is considered to be reliable, either because we have verified it with curators of the institutions or data provided by Zilch (1970) and Neubert & Janssen (2004) for the SMF, by Drahg & Cuzzo (1999) for the FML, and by Köhler (2007) for the ZMB.

It can then be noted that some specimens indicated by Weyrauch to be in the FML, including some holotypes, or to have been sent to various other institutions have not yet been recognized. However, we have also noted instances when the original numbers in Weyrauch's collection differ from those incorporated into the FML collection to allow recognition of parts of these lots in other collections. Original Weyrauch numbers also indicate instances when the present location of type material is unknown.

In three cases here, species names are here given with umlauts, as in Weyrauch's original; under the *Code of Zoological Nomenclature* (ICZN, 1999: Art. 32.5.2), such accents are to be eliminated in current usage. Some institutions have changed names since Weyrauch's time; these changes are indicated in the abbreviations listed above.

The family allocations here follow our current understanding of the placement of the genera he employed, translated into modern terminology, as given by Bouchet & Rocroi (2005). In a few cases, recent literature indicates the correct placement of some of his species.

Because the descriptions of these taxa are accessible in reasonably common journals, we have not attempted to repeat the detailed type localities, which were often provided in lengthy German or Spanish sentences, with paratypes sometimes from multiple stations. Instead, only the country and region are given here.

- acobambensis*, *Drymaeus* – Weyrauch, 1967b: 482–483, pl. 3, figs. 24, 25; central Peru [HT **SMF 155694**; PT **FML 1524, 4140, 4141**, 4142, **10253**]. Orthalicidae.
- aequistriata*, *Gracilinenia* – Weyrauch, 1956a: 110–113, pl. 6, fig. 2; Valle de Chanchamayo, Peru [HT **SMF 156390** (ex WW 1531); PT **ANSP 319070**, FEL, **FMNH 54018**, MCZ, SMF, Werner Blume collection (now in the SMF), **ZMB 101651**, WW]. Clausiliidae.
- Aeropictus* [subgenus of *Plekocheilus*] – Weyrauch, 1967b: 465–467. Type species by original designation: *Bulimus veranyi* L. Pfeiffer, 1847. Orthalicidae.
- agitata*, *Pseudoglandina* – Weyrauch, 1967b: 486–487, pl. 4, fig. 53; central Peru [HT **FML 1066**; PT **FML 10238** (ex WW 1614, 10609), **SMF 162138**]. Amphibulimidae.
- agueroi*, *Bostryx* (*Peronaeus*) – Weyrauch, 1960c: 126, pl. 12, figs. 39–41; central Peru [HT **SMF 162150**; PT **SMF 162151, 325576, FML 1462, FMNH 107836, 216889, 216890**, USNM, WW 1268]. Orthalicidae.
- aguilari*, *Bostryx* (*Bostryx*) – Weyrauch, 1967a: 349–351, pl. 1, figs. 2–6; near Lima, Peru [HT **SMF 162163**; PT **SMF 162164, 162165, 162166, FML 1085, 1425, 4000, 4002, 4003, 4004, 4005, FMNH 216900, 216901, 216902, 216916**]. Orthalicidae.
- albicolor*, *Peruinia* – Weyrauch, 1957: 13–15, pl. 1, fig. 11; central Peru [HT **SMF 155719**; PT **FMNH 217015**, WW 1818]. Clausiliidae.
- albocostata*, *Temesa* (*Temesa*) – Weyrauch, 1963b: 270–272, pl. 1, figs. 1, 2; central Peru [HT **SMF 162108**; PT **SMF 162109, 162110, FML 1038, FMNH 107844, 217001, SBMNH 83314**, USNM, WW 3322]. Clausiliidae.
- altispira*, *Euglandina* – Weyrauch, 1960a: 25–26, pl. 4, fig. 21; northern Peru [HT **SMF 162003**; PT **FML 3200, FMNH 216197**]. Spiraxidae.
- altorum*, *Mesembrinus* (*Mormus*) *expansus* – Weyrauch, 1958: 129, pl. 7, figs. 12, 13; central Peru [HT **SMF 156295**; PT **SMF 156294, FML 1333**]. Oleacinidae.
- altorum*, *Systrophia* (*Systrophia*) – Weyrauch, 1967a: 428–429, pl. 6, fig. 80; central Peru [HT **FML 10668**; PT **FML 3962**]. Systrophidae.
- Andiniella* [subgenus of *Steeriana*] – Weyrauch, 1958: 93–94. Type-species by original designation: *Andinia* (*Ehrmanniella*) *flammulata* Loosjes, 1957. Clausiliidae.
- andivagus*, *Naesiotus* – Weyrauch, 1956b: 56, pl. 1, fig. 2; central Peru [HT **FML 1461**; PT **ANSP 195000, SMF 155695**]. Orthalicidae.
- angelmaldonadoi*, *Bostryx* (*Bostryx*) *modestus* – Weyrauch, 1960a: 31–32, pl. 3, figs. 11, 12; central Peru [HT **SMF 155595**; PT **SMF 162034, 162035, FML 12842** (ex WW 842)]. Orthalicidae.
- angiportus*, *Newboldius* – Weyrauch, 1960b: 53–55, pl. 8, figs. 5, 6; central Peru [HT **SMF 162045**; PT **SMF 161252, 162096**]. Orthalicidae.
- angispira*, *Bostryx* (*Bostryx*) *obliquiportus* – Weyrauch, 1960c: 123, pl. 11, fig. 9; central Peru [HT **SMF 162183**]. Orthalicidae.
- angustus*, *Bulimulus* (*Bulimulus*) *vesicalis* – Weyrauch, 1966: 45–46, fig. 5; Rio Grande do Sul, southeastern Brazil [HT MRCN 1576a; PT MRCN 1576, FML 10741]. Orthalicidae.
- araozi*, *Bulimulus* (*Bulimulus*) – Weyrauch, 1956c: 149–150, pl. 11, fig. 8; central Peru [HT **SMF 155304**; PT **FML 2131**]. Orthalicidae.
- argentinus*, *Pupoides* (*Ischnopupides*) *chordatus* – Weyrauch, 1964b: 37–38, fig. 1; Jujuy, Argentina [HT FML 522a; PT FML 522]. Pupillidae.
- Bakerilymnaea* – Weyrauch, 1964a: 169. *nom. nov. pro Nasonia* F. C. Baker, 1928, *non* Ashmead, 1904. Lymnaeidae.
- bambamarcaënsis*, *Naesiotus* (*Naesiotus*) – Weyrauch, 1960a: 37–38, pl. 6, fig. 38; northern Peru [HT **SMF 156220**; PT **FML 3075, CAS 64085**, USNM]. Orthalicidae.
- basiplanata*, *Epiphragmophora* – Weyrauch, 1960a: 43–44, pl. 6, fig. 39; east-central Peru [HT **SMF 162033**]. Epiphragmophoridae.
- beltrani*, *Bostryx* (*Peronaeus*) *agueroi* – Weyrauch, 1964b: 52–53, figs. 9, 10; central Peru [HT **SMF 162152**; PT **SMF 162153, FML 1084, FMNH 107849, 216891, 216892**, USNM, WW 3116]. Orthalicidae.
- bequaerti*, *Drymaeus* – Weyrauch, 1956c: 154–155, pl. 11, figs. 12–14; central Peru [HT **SMF 155309**; PT **SMF 155305, 155310, FML 511, FMNH 30871**]. Orthalicidae.
- bequaerti*, *Temesa* (*Neniatracta*) – Weyrauch, 1957: 25–27, pl. 1, fig. 12; northern Peru [HT **SMF 155720**; PT **SMF 155721, ANSP 204507**, FEL, FMNH, MCZ **211952**, USNM, WW 2010, 2010A, unspecified “private collections in U.S.A.”]. Clausiliidae.
- Bequaertinenia* – Weyrauch 1964c: 150. Type species by original designation: *Temesa* (*Neniatracta*) *bequaerti* Weyrauch, 1957. Clausiliidae.
- bermudezae*, *Bostryx* (*Pseudoperonaeus*) – Weyrauch, 1958: 111–112, pl. 9, figs. 38–40;

- central Peru [HT **SMF 156350**; PT **SMF 156351, 156352, FML 3114, FMNH 84712**]. Orthalicidae.
- bicolor*, *Naesiotus* (*Naesiotus*) – Weyrauch, 1967a: 408–409, pl. 6, fig. 83; southern Peru [HT **FML 3987**]. Orthalicidae.
- Bilamelliferus* – Weyrauch, 1958: 118–119. Type-species by original designation: *Bulimus tschudii* Troschel, 1852. Orthalicidae.
- birabenorum*, *Bostryx* (*Lissoacme*) – Weyrauch, 1965a: 71–72, figs. 1–3; Tucumán, Argentina [HT **FML 985a**; PT **FML 985, SMF 164112, FMNH 216893**]. Orthalicidae.
- cajamarcana*, *Steeriana* (*Steeriana*) – Weyrauch & Zilch, in Zilch, 1954: 73–76, pl. 5, fig. 8, text-fig. 6; Peru [HT **SMF 135516**; PT **SMF 69818, 139782, MNJR HSL-1925, FMNH 52338, 52403, SBMNH 125339, 137905, ZMB 97383, 101649, WW 788**]. Clausiliidae.
- camachoi*, *Neopetraeus* – Weyrauch, 1967a: 418–420, pl. 5, figs. 68–70; northern Peru [HT **FML 1240a**; PT **FML 1240b, 1245, 1541, 3985, ANSP 204517, 353175, FMNH, SBMNH 83361, SMF 164130, USNM, ZMB 101777, WW 3985, 3986**]. Orthalicidae.
- celendinensis*, *Drymaeus* – Weyrauch, 1956c: 151–152, pl. 11, figs. 10, 11; northern Peru [HT **SMF 155307**; PT **SMF 155308, 69498, ANSP 355514, FML 12492, FMNH 53997, 216831, MCZ 211950, WW 492**]. Orthalicidae.
- celendinensis*, *Steeriana* (*Steeriana*) – Weyrauch & Zilch, in Zilch, 1954: 70–72, pl. 5, fig. 6; text-fig. 3; Peru [HT **SMF 135517**; PT **SMF 69820, FMNH 52337, 52401, MNJR HSL-1263, SBMNH 137907, ZMB 97382, 101032, 101648, WW 1366**]. Clausiliidae.
- cerrateae*, *Epiphragmophora* (*Karlschmidtia*) – Weyrauch, 1960a: 47–48, pl. 6, fig. 40; central Peru [HT **SMF 162030**; PT WW 1991]. Epiphragmophoridae.
- cerrateae*, *Hemicena* – Weyrauch, 1958: 96–100, pl. 6, fig. 9; text-figs. 1, 2; central Peru [HT **SMF 140714**; PT **SMF 139779, 156372, ANSP 204510, FEL, FML 1899, 1889b, MHN 440, MCZ 202207, 233525, FMNH 84719, 217050, 217051, SBMNH 125331, Universidad Nacional Mayor de San Marcos (Lima, Peru), USNM, ZMB 101650, unspecified “private collections in U.S.A. and Europe”**]. Clausiliidae.
- cerrateae*, *Naesiotus* (*Raphiellus*) [sic = *Rhaphiellus*] – Weyrauch, 1967a: 410–412, pl. 5, fig. 77; central Peru [HT **SMF 162024**; PT **CAS 80855, FML 1071, 1468**]. Orthalicidae.
- chamayensis*, *Naesiotus* (*Naesiotus*) *subcostatus* – Weyrauch, 1967a: 409–410, pl. 7, figs. 97–99; northern Peru. [HT **SMF 162190**; PT **SMF 162191, CAS 85682, FML 1078, 3342, FMNH 107830**]. Orthalicidae.
- chiletensis*, *Scutalus* (*Scutalus*) – Weyrauch, 1967a: 373–375, pl. 2, figs. 24–30; northern Peru. [HT **FML 1236a** (originally WW 1354a); PT **FML 1236, ANSP 355509, FMNH 54002, 193423, MNRJ 4416, SBMNH 83313, 125348, SMF 69811, 181656, 208437, 277329, USNM, ZMB 97391**]. Orthalicidae.
- chusgonensis*, *Bostryx* (*Bostryx*) – Weyrauch, 1960a: 30–31, pl. 3, figs. 16, 17; northern Peru [HT **SMF 162013**; PT **SMF 162014, FML 1855, FMNH 56712**]. Orthalicidae.
- cleliae*, *Zilchogyra* – Weyrauch, 1965b: 124, pl. 7, fig. “2” [sic = fig. 3 (Zilch, 1970: 236)]; Buenos Aires, Argentina [HT **FML 977**; PT **FML 10654, MRCN 1091, 1645, SMF 164142**]. Punctidae; = *Paralaoma servils* (Shuttleworth, 1852) (Hausdorf, 2002: 127–128).
- combinai*, *Mesembrinus* (*Ornatimormus*) – Weyrauch, 1958: 135–136, pl. 8, fig. 16; central Peru [HT **SMF 156201**; PT WW 1535]. Oleacinidae.
- compactus*, *Bostryx* (*Bostryx*) *zilchi* – Weyrauch, 1960c: 125, pl. 12, figs. 27, 28; central Peru [HT **SMF 162156**; PT **SMF 162157, FML 3356, FMNH 216887**]. Orthalicidae.
- costatus*, *Bostryx* (*Bostryx*) *pygmaeus* – Weyrauch, 1960c: 122, pl. 11, figs. 12–16; central Peru [HT **SMF 162098**; PT **SMF 162099, 162100, ANSP, BMNH, FML 3318, FMNH 107850, MCZ 233541, NNM, USNM**]. Orthalicidae.
- costifer*, *Bostryx* (*Elatibostryx*) *imeldae* – Weyrauch, 1960c: 129, pl. 12, figs. 35–38; central Peru [HT **SMF 162101**; PT **SMF 162102, 162103, AMS, ANSP, BMNH, FML 3319** (ex IML 1107), **MCZ 233535, FMNH 107828, 216903, 216904, NMC, NNM, SBMNH 83310, USNM**]. Orthalicidae.
- costulatus*, *Scutalus* (*Vermiculatus*) – Weyrauch, 1967a: 395–396, pl. 3, fig. 45; central Peru [HT **SMF 162068**; PT **SMF 162069, FML 1230, 1454, 3338, FMNH 107850, SBMNH 83316, USNM**]. Orthalicidae.
- crassicostata*, *Temesa* (*Temesa*) *decimvolvis* – Weyrauch, 1958: 102, pl. 6, fig. 2; central Peru [HT **SMF 156231**; PT **FML 3122, FEL, FMNH 217006, MCZ 233550, USNM**]. Clausiliidae.

- crenulatus*, *Lopesianus* – Weyrauch, 1958: 121, pl. 6, figs. 7, 8; Brazil [HT **SMF 156356** (incorrectly as 156376 by Weyrauch (1958) and by Zilch (1970)); PT **SMF 155708, FML 1898, FMNH 216993**]. Orthalicidae.
- crucilineatus*, *Bostryx* (*Peronaeus*) – Weyrauch, 1967a: 361–362, pl. 1, fig. 14; central Peru [HT FML 1241]. Orthalicidae.
- cuencaensis*, *Temesa* (*Neniatracta*) *adusta* – Weyrauch, 1964c: 152, figs. 7, 8; central Peru [HT **SMF 156217**; PT **SMF 156218, FML 1041**]. Clausiliidae.
- cuzcoensis*, *Scutalus* (*Vermiculatus*) – Weyrauch, 1967a: 396–398, pl. 4, figs. 47, 48; southern Peru [HT **FML 1225** (ex WW 10522a) (may not be separated from paratype); PT **FML 1225** (ex WW 10522), **SMF 164124**, Angel E. Flórez collection (Cuzco, Peru)]. Orthalicidae.
- cylindricus*, *Bostryx* (*Pseudoperonaeus*) – Weyrauch, 1960c: 127–128, pl. 11, fig. 3; central Peru [HT **SMF 162107**; PT **FML 3333, FMNH 11331**, USNM]. Orthalicidae.
- debilisculptus*, *Scutalus* (*Scutalus*) *coraeformis* – Weyrauch, 1967a: 376–377, pl. 2, figs. 20–23; pl. 9, 137, 138; northern Peru [HT **FML 1984** (ex WW 1964a); PT **FML 1984** (ex WW 1964b–g), **FMNH 216786**, SMF, USNM]. Orthalicidae.
- debilisculptus*, *Thaumastus* (*Thaumastiella*) *occidentalis* – Weyrauch, 1960a: 30, pl. 3, fig. 15; northern Peru [HT **SMF 162029**; PT **SMF 162082, FML 1630**, ANSP, **FMNH 107841, 216807, 216880, MCZ 233545**, NNM, USNM]. Orthalicidae.
- decimvolvis*, *Temesa* (*Temesa*) – Weyrauch, 1957: 21–22, pl. 1, fig. 13; central Peru [HT **SMF 156215**; PT MHN 159, **FMNH 217004**, WW 1532]. Clausiliidae.
- dedicata*, *Andinia* (*Ehrmanniella*) – Weyrauch & Zilch, in Zilch, 1954: 68–70, pl. 5, fig. 5, text-fig. 5; Peru [HT **SMF 135515**; PT **SMF 69816, 139781, FMNH 52334, 52404, 217041, 217045, SBMNH 83357**, WW 1414]. Clausiliidae.
- densestrigatus*, *Mesembrinus* (*Ornatimormus*) *henrypilsbryi* – Weyrauch, 1958: 134–135, pl. 8, fig. 20; central Peru [HT **SMF 156293**]. Orthalicidae.
- Diaphanomormus* [subgenus of *Drymaeus*] – Weyrauch, 1964b: 57. Type species by original designation: *Drymaeus* (*Diaphanomormus*) *coelestini obesus* Weyrauch, 1964b, *non* Martens, 1893, = *D.* (*Mesembrinus*) *pseudobesus* Breure, 1979: 123. Orthalicidae.
- Elatibostryx* [subgenus of *Bostryx*] – Weyrauch, 1958: 112. Type-species by original designation: *Bostryx* (*Elatibostryx*) *imeldae* Weyrauch, 1958. Orthalicidae.
- elegantulus*, *Naesiotus* – Weyrauch, 1956b: 45, pl. 1, fig. 1; northern Peru [HT **SMF 162023**; PT **SMF 157276, ANSP 194996, CAS 64901, FML 1305, FMNH 53993**, MNH 55, **SBMNH 35316, ZMB 97385, 101457**]. Orthalicidae.
- eliseoduartei*, *Systrophia* (*Scolodonta*) – Weyrauch, 1966: 46–47, fig. 6; Uruguay [HT FML 10686a; PT FML 10686, Museo de Historia Natural Montevideo, Uruguay]. Scolodontidae.
- fernandezae*, *Naesiotus* (*Maranhoniellus*) – Weyrauch, 1958: 122–123, pl. 9, figs. 45, 46; northern Peru [HT **SMF 157277**; PT **SMF 157278, 157530, ANSP 290048, FML 3077, CAS 64233, FMNH 84718, SBMNH 83311, 125519**, USNM, unspecified “private collections in U.S.A.”]. Orthalicidae.
- flavilabrum*, *Drymaeus* (*Mormus*) *expansus* – Weyrauch, 1967b: 484–485, pl. 3, fig. 29; central Peru [HT **FML 1197**]. Orthalicidae.
- florezi*, *Floreziellus* – Weyrauch, 1967b: 489–490, pl. 1, figs. 7–17; southeastern Peru [HT **FML 10671a**; PT **FML 10671, FMNH 217042, 217044, SMF 164134**, Angel E. Flórez collection (Cuzco, Peru)]. Replaced with *Bostryx cunyacensis* by Breure (1978: 68–70), who considered this species to belong in *Bostryx* and thus a junior homonym of *B. florezi* (Weyrauch, 1967a), originally named in *Phenacotaxus*. Orthalicidae.
- florezi*, *Happia* (*Happia*) – Weyrauch, 1965a: 75–76, fig. 6; southern Peru [HT **FML 10644a**; PT **FML 10644, SMF 164140**, Angel E. Flórez collection (Cuzco, Peru)]. Scolodontidae.
- florezi*, *Incania* – Weyrauch, 1964b: 41–43, fig. 3; southern Peru [HT **FML 1218**]. Clausiliidae.
- florezi*, *Phenacotaxus* (*Ataxellus*) – Weyrauch, 1967a: 369–371, pl. 4, figs. 49, 50; southern Peru [HT **FML 10522a**; PT **FML 10522b, 10745, SMF 164151**]. Orthalicidae.
- florezi*, *Radiodiscus* – Weyrauch, 1965c: 105–106, fig. 1; southern Peru [HT WW 10468a; PT: IML 1215, **SMF 164118**, USNM, WW 10468]. Charopidae.
- florezi*, *Systrophia* (*Scolodonta*) – Weyrauch, 1967a: 433–435, pl. 6, fig. 86; southern Peru [HT **FML 10621a**; PT **FML 10621, SMF 164133**, Angel E. Flórez collection (Cuzco, Peru)]. Scolodontidae.

- Floreziellus* – Weyrauch, 1967b: 488–489. Type species by original designation: *Floreziellus florezi* Weyrauch, 1967b. Considered by Breure (1978: 70) to be a synonym of *Bostryx*. Orthalicidae.
- franzi*, *Zilchogyra* – Weyrauch, 1965c: 112–114, fig. 4; Buenos Aires, Argentina [HT **FML 1217**]. Charopidae.
- geophilus*, *Naesiotus* (*Naesiotus*) – Weyrauch, 1967b: 477–479, pl. 3, figs. 26–28; northern Peru [HT **FML 1074a**; PT **FML 1074b**, **3343**, **CAS 80866**, **SMF 164032**, WW 4139]. Orthalicidae.
- giganteus*, *Radiodiscus* – Weyrauch, 1958: 105–106, pl. 9a, fig. 51; central Peru [HT **SMF 156342**]. Charopidae.
- globosus*, *Bostryx* (*Lissoacme*) – Weyrauch, 1967a: 355–357, pl. 1, figs. 11, 12; south-east of Lima, Peru [HT **FML 1226** (ex WW 3972a); PT **SMF 164125**, **FML 1227** (ex WW 10667), **FMNH 216905**, WW 3973]. Orthalicidae.
- glomeratus*, *Bostryx* (*Bostryx*) *zilchi* – Weyrauch, 1960c: 124–125, pl. 12, figs. 29–34; central Peru [HT **SMF 162104**; PT **SMF 162105**, **162106**, **277323**, AMS, ANSP, BMNH, **FML 3320**, **FMNH 107848**, **216888**, **MCZ 233538**, **MNRJ 4445**, NMC, USNM]. Orthalicidae.
- golbachi*, *Radiodiscus* – Weyrauch, 1965c: 106–108, fig. 2; Tucumán, Argentina [HT **FML 724a**; PT **FML 744**, **751**, **1281**]. Charopidae.
- gracilis*, *Bostryx* (*Scansiocohlea*) – Weyrauch, 1967a: 360–361, pl. 1, fig. 1; central Peru [HT **FML 1102**; PT **FML 3059**, FMNH, **SMF 162133**, USNM]. Orthalicidae.
- gracillimus*, *Naesiotus* – Weyrauch, 1956b: 6, pl. 1, fig. 3; central Peru [HT **SMF 155696**; PT **SMF 155697**, ANSP, **FML 510**, **FMNH 56713**]. Orthalicidae.
- grandiportus*, *Bostryx* (*Bostryx*) *bromeliarum* – Weyrauch, 1958: 109–110, pl. 8, figs. 18, 19; central Peru [HT **SMF 156367**; PT **SMF 156374**, **156375**, **FML 5227**, **FMNH 84709**, WW 2112]. Orthalicidae.
- grandiportus*, *Zilchiella* – Weyrauch, 1957: 10–13, pl. 1, figs. 5–10; northern Peru [HT **SMF 155710**; PT **SMF 155711–155713**, **156700–156702**, **ANSP 355506**, **FMNH 57257**, **217049**, **MCZ 211962**, FEL, **MNRJ 4460**, **SBMNH 35319**, **35320**, USNM, **ZMB 101647**, WW 2005, unspecified “private collections in U.S.A. and Europe”]. Clausiliidae.
- grandiventris*, *Scutalus* – Weyrauch, 1960a: 42–43, pl. 5, figs. 27–33; northern Peru [HT **SMF 155690**; PT **SMF 155681**, **155692**, **155693**, **162042**, **208440**, AMS, BMNH, **FML 1364**, **FMNH 54003**, **125999**, **MNRJ 4417**, NNM, NMC, **SBMNH 35328**, USNM]. Orthalicidae.
- granulatus*, *Scutalus* (*Scutalus*) *chiletensis* – Weyrauch, 1967a: 375, pl. 2, figs. 31, 32; northern Peru [HT **FML 1362a** [mixed in with paratypes?]; PT **FML 1362**, **FMNH 216787**, **SMF 164127**, USNM]. Orthalicidae.
- granulosa*, *Epiphragmophora* – Weyrauch, 1960a: 46–47, pl. 6, fig. 37; southern Peru [HT **SMF 162041**; PT **FML 1632**, **2531**]. Epiphragmophoridae.
- haasi*, *Bostryx* (*Bostryx*) – Weyrauch, 1960a: 33–35, pl. 5, fig. 35; near Lima, Peru [HT **SMF 156370**; PT **SMF 162083**, **162902**, **208028**, AMS, ANSP, BMNH, **FML 1225**, **1225a–d**, **FMNH 113322**, **193624**, **MCZ 211970**, NMC, RLM, **SBMNH 35329**, USNM]. Orthalicidae.
- haasi*, *Columbinia* (*Pfeifferiella*) – Weyrauch, 1957: 46, pl. 1, figs. 1, 2; northern Peru [HT **SMF 155715**; PT **SMF 155716**, **155717**, **ANSP 204508**, **FMNH 57254**, **217058**, MCZ, FEL, WW 2006, **SBMNH 35331**, **83315**, USNM]. Clausiliidae.
- haasi*, *Llaucanianus* – Weyrauch, 1967a: 421–422, pl. 3, figs. 34–36; northern Peru [HT **SMF 162046**; PT **SMF 162047–162049**, ANSP, **FML 1082**, **FMNH 113308**, MCZ, NNM, USNM, WW 2008]. Orthalicidae.
- haasi*, *Naesiotus* – Weyrauch, 1956b: 79, pl. 1, fig. 5, 5a; northern Peru [HT **FML 2862b**; PT **FML 2862**, **ANSP 194995**, **195001**, **CAS 64903**, **FMNH 56709**, **56710**, **SMF 153373**]. Orthalicidae.
- haasi*, *Systrophia* (*Systrophia*) – Weyrauch, 1960a: 28, pl. 3, fig. 7; northern Peru [HT **SMF 162020**; PT **FML 3067**, FMNH]. Scolodontidae.
- henrypilsbryi*, *Mesembrinus* (*Ornatimorus*) – Weyrauch, 1958: 134 [*nom. nov. pro Drymaeus pilsbryi* Weyrauch, 1956c, *non* Zetek, 1934]. Orthalicidae.
- hernandezae*, *Littoridina* – Weyrauch, 1963a: 251, pl. [1], figs. 1, 2; southern Peru [HT **FML 1001a**; PT **FML 3908**, **SBMNH 83358**, **SMF 164084**, USNM]. Cochliopidae.
- hyltonscottae*, *Zilchogyra* – Weyrauch, 1965c: 114–115, fig. 5; Tucumán, Argentina [HT **FML 976**]. Charopidae.
- imeldae*, *Bostryx* (*Elatibostryx*) – Weyrauch, 1958: 113, pl. 9, fig. 37; central Peru [HT **SMF 156347**; PT **FML 3115**, **FMNH 84716**]. Orthalicidae.
- inflatiportus*, *Bostryx* (*Bostryx*) *obliquiportus* – Weyrauch, 1960c: 123–124, pl. 12, figs. 22–26; central Peru [HT **SMF 162144**; PT **SMF**

- 162145, 162146, 162184, 162185, 164002**, ANSP, BMNH, **FML 3344, FMNH 107838, 216882, 216883, 216884, MCZ 233543**, NNM, USNM]. Orthalicidae.
- isidroensis*, *Steeriana* (*Steeriana*) *celendinensis* – Weyrauch & Zilch, in Zilch, 1954: 72–73, pl. 5, fig. 7, text-fig. 4; Peru [HT **SMF 135518**; PT **SMF 69821, FMNH 52336, 52402, ZMB 97384, 101031**, WW 1355]. Clausiliidae.
- klappenbachi*, *Helicina* (*Trichohelicina*) – Weyrauch, 1966: 42–44, figs. 1–3; Misiones, Argentina [HT **FML 11215a**; PT **FML 11215**]. Helicinidae.
- lachayensis*, *Scutalus* (*Scutalus*) *versicolor* – Weyrauch, 1967a: 383–384, pl. 8, figs. 109–115; central Peru [HT **FML 147a** (evidently mixed in with the following paratypes); PT **FML 147, FMNH 216790, 216791, SMF 208454, ZMB 101782**, WW 4043]. Orthalicidae.
- laraosensis*, *Bostryx* (*Bostryx*) *obliquiportus* – Weyrauch, 1960c: 124, pl. 11, figs. 20, 21; central Peru [HT **SMF 162187**; PT **SMF 162188, 162189, FMNH 107840, 216885, FML 3332**, USNM]. Orthalicidae.
- laraosensis*, *Temesa* (*Temesa*) *pilsbryi* – Weyrauch, 1960c: 119–120, pl. 11, fig. 7; central Peru [HT **SMF 162117**; PT **SMF 162118, FEL, FML 3346, MCZ 233527**]. Clausiliidae.
- latecolumellaris*, *Naesiotus* (*Naesiotellus*) – Weyrauch, 1967a: 415–416, pl. 5, figs. 71, 72; central Peru [HT **FML 1076**; PT **FML 3335, FMNH, SMF 162139**]. Orthalicidae.
- latestriata*, *Temesa* (*Temesa*) – Weyrauch, 1958: 100–102, pl. 6, fig. 1; central Peru [HT **SMF 156232**; PT **SMF 156233, FML 1047** (ex WW 3121), **FMNH 84717, 217010, MCZ 233528**, USNM]. Clausiliidae.
- lateumbilicatus*, *Radiodiscus* – Weyrauch, 1966: 44–45, fig. 4; Mendoza, Argentina [HT **FML 11005a**; PT **FML 11005, FMNH 216225, SMF 164148**]. Charopidae.
- Leptomormus* [subgenus of *Mesembrinus*] – Weyrauch, 1958: 136–137. Type-species by original designation: *Drymaeus bequaerti* Weyrauch, 1956c. Orthalicidae.
- Lilloiconcha* – Weyrauch, 1965b: 127. Type-species by original designation: *Austrodiscus superbus tucumanus* Hylton-Scott, 1963. Charopidae.
- lizarasoae*, *Bostryx* (*Pseudoperonaeus*) – Weyrauch, 1967a: 363–364, pl. 3, figs. 38, 39; central Peru [HT **SMF 162009**; PT **SMF 162010, FML 1109, 3130, FMNH, MCZ 233846**, USNM]. Orthalicidae.
- Llaucanianus* – Weyrauch, 1967a: 420. Type species by original designation: *Llaucanianus haasi* Weyrauch, 1967a. Orthalicidae.
- longispira*, *Bostryx* (*Pseudoperonaeus*) – Weyrauch, 1960c: 128, pl. 11, figs. 4, 5; central Peru [HT **SMF 162112**, PT **SMF 162113, FML 3354**, USNM]. Orthalicidae.
- Lopesianus* – Weyrauch, 1958: 120. Type-species by original designation: *Lopesianus crenulatus* Weyrauch, 1958. Orthalicidae.
- macedoi*, *Scutalus* (*Vermiculatus*) – Weyrauch, 1967a: 398–400, pl. 3, figs. 42–44; central Peru [HT **SMF 162070**; PT **SMF 162071, FML 1192, 1452** (ex 2874), **2874, FMNH 113307, SBMNH 83308**, USNM, WW 4053]. Orthalicidae.
- mantaroensis*, *Temesa* (*Temesa*) *decimvolvis* – Weyrauch, 1963b: 277–279, pl. 1, fig. 7; central Peru [HT **SMF 156237**; PT **SMF 156238, FML 1045, 3123, FMNH 217007**, USNM]. Clausiliidae.
- Maranhoniellus* [subgenus of *Naesiotus*] – Weyrauch, 1958: 112. Type-species by original designation: *Naesiotus pilsbryi* Weyrauch 1956b. Orthalicidae.
- marasensis*, *Scutalus* (*Vermiculatus*) *cuzcoensis* – Weyrauch, 1967a: 398, pl. 2, fig. 33; southern Peru [HT **FML 10641a**; PT **FML 10641b, SMF 164139**, Angel E. Flórez collection (Cuzco, Peru)]. Orthalicidae.
- maximus*, *Thaumastus* (*Quechua*) *salteri* – Weyrauch, 1967a: 347–348, pl. 9, fig. 135; northern Peru [HT **SMF 156381**; PT **FML 3202**]. Orthalicidae.
- Microbeliscus* [subgenus of *Obeliscus*] – Weyrauch, 1964b: 40. Type species by original designation: *Obeliscus (Microbeliscus) silvaevagus* Weyrauch, 1964b. *Non Microbeliscus* Sandberger, 1875. See *Nannobeliscus*. Subulinidae.
- minor*, *Bostryx* (*Bostryx*) *haasi* – Weyrauch, 1960a: 35, pl. 5, fig. 34; central Peru [HT **SMF 156371**; PT **SMF 162044**, ANSP, BMNH, **FML 1105, 2035** (these two numbers may represent a single lot), **FMNH 107822, MCZ 233547, MNRJ 4452**, NNM, NMC, **SBMNH 80266**, USNM]. Orthalicidae.
- minor*, *Steeriana* (*Steeriana*) *celendinensis* – Weyrauch, 1958: 92, pl. 6, fig. 6; northern Peru [HT **SMF 156212**; PT **FML 2095**]. Clausiliidae.
- minor*, *Temesa* (*Temesa*) *decimvolvis* – Weyrauch, 1963b: 276–277, pl. 1, figs. 9, 10; central Peru [HT **FML 1046a**; PT **FML 1046b, FMNH 217008, SMF 164036**, USNM, WW 3274]. Clausiliidae.

- mirabilis*, *Epiphragmophora* – Weyrauch, 1960c: 129–130, pl. 12, fig. 42; northern Peru [HT **SMF 162064**]. Epiphragmophoridae.
- mirandoi*, *Potamopyrgus* – Weyrauch, 1963a: 244–247, pl. [1], figs. 3, 4; northern Peru [Hydrobiidae. HT **FML 1000a**; PT **FML 10455**, **SBMNH 83360**, **SMF 164083**, USNM]. Risssooidea: Hydrobiidae?
- Multifasciatus* [subgenus of *Bostryx*] – Weyrauch, 1958: 116–117. Type-species by original designation: *Bulimus subroseus* L. Pfeiffer, 1869. Orthalicidae.
- multiguttatus*, *Drymaeus* (*Ornatimorus*) – Weyrauch, 1964b: 55–57, fig. 8; central Peru [HT **FML 1200** (ex WW 10236)]. Orthalicidae.
- Naesiotellus* [subgenus of *Naesiotus*] – Weyrauch, 1967a: 414–415. Type species by original designation: *Naesiotus* (*Naesiotellus*) “*columellaris*”; sic = *latecolumellaris* Weyrauch, 1967a. Orthalicidae.
- Nannobeliscus* [subgenus of *Obeliscus*] – Weyrauch, 1967b: 458. *Nom. nov. pro Microbeliscus* Weyrauch, 1964, *non Microbeliscus* Sandberger, 1875. Subulinidae.
- obesus*, *Drymaeus* (*Diaphanomormus*) *coelestini* – Weyrauch, 1964b: 58, fig. 11; central Peru [HT **FML 1196a**; PT **FML 1196b** (ex WW 10234), **SMF 164025**, ? 162119]. *Non Drymaeus sulfureus obesus* (Martens, 1893) = *D. pseudobesus* Breure, 1978: 123. Orthalicidae.
- obesus*, *Neopetraeus arboriferus* Weyrauch, 1967a: 416–417, pl. 5, figs. 62, 63; Peru [HT **FML 1244a**; PT **FML 1244b**, **1448**]. Orthalicidae.
- obliquiportus*, *Bostryx* (*Bostryx*) – Weyrauch, 1958: 110, pl. 9, figs. 35, 36; central Peru [HT **SMF 156353**; PT **SMF 156354**, **FML 3118**, **FMNH 84714**]. Orthalicidae.
- occidentalis*, *Thaumastus* (*Thaumastiella*) – Weyrauch, 1960a: 28–30, pl. 3, figs. 13, 14; northern Peru [HT **SMF 162026**; PT **SMF 162027**, **162028**, **208392**, **ANSP 204515**, **FMNH 53991**, **216808**, **MCZ 211967**, USNM, **ZMB 101463**, WW 1346]. Orthalicidae.
- omissus*, *Scutalus* (*Vermiculatus*) – Weyrauch, 1967a: 400–403, pl. 8, figs. 116–120; central Peru [HT **SMF 155586**; PT **SMF 208445**, **FML 1193**, **12207** (originally WW 207), **FMNH 216785**]. Orthalicidae.
- omissa*, *Temesa* (*Temesa*) – Weyrauch, 1957: 18–21, pl. 1, fig. 4; central Peru [HT **SMF 140715**; PT **SMF 62569**, **62671**, **89491**, **156230**, **ANSP**, **FMNH 52335**, **217011**, **217012**, **217013**, **MCZ 233529**, **FEL**, **SBMNH 35317**, **MNRJ 4460**, USNM, **ZMB 101645**, WW 277, 277A–B]. Clausiliidae.
- orcesi*, *Mesembrinus* (*Mormus*) *expansus* – Weyrauch, 1958: 130, pl. 7, fig. 15; Ecuador [HT **SMF 156292**; PT **FML 3193** (two lots with the same number listed from two stations)]. Orthalicidae.
- orcesi*, *Thaumastus* (*Thaumastus*) – Weyrauch, 1967b: 473–474, pl. 1, fig. 2; northeast of Quito, Ecuador [HT **FML 3165**; PT **SMF 156325**, Escuela Politécnica, Quito, Ecuador]. Orthalicidae.
- Orcesiellus* [subgenus of *Plekocheilus*] – Weyrauch, 1967b: 468–469. Type species by original designation: *Plekocheilus* (*Orcesiellus*) *tenuissimus* Weyrauch, 1967b. Orthalicidae.
- ormeai*, *Epiphragmophora* – Weyrauch, 1956c: 158–159, pl. 11, fig. 19; northern Peru [HT **SMF 155315**]. Epiphragmophoridae.
- Ornatimorus* [subgenus of *Mesembrinus*] – Weyrauch, 1958: 131–132. Type-species by original designation: *Drymaeus angulobasis* Pilsbry, 1944. Orthalicidae.
- ortizi*, *Bostryx* (*Bostryx*) – Weyrauch, 1967a: 352–353, pl. 1, fig. 13; northern Peru [HT **FML 1126**]. Orthalicidae.
- ortizpuentei*, *Scutalus* (*Scutalus*) – Weyrauch, 1967a: 378–379, pl. 7, fig. 100; northern Peru [HT **FML 1234** (originally WW 10647)]. Orthalicidae.
- palizae*, *Solaropsis* (*Psadariella*) – Weyrauch, 1956c: 160–161, pl. 11, figs. 15–17; northern Peru [HT **SMF 155311**; PT **FML 1536**, **FMNH 57258**]. Pleurodontidae.
- Pampasinus* [subgenus of *Bostryx*] – Weyrauch, 1958: 113–114. Type-species by original designation: *Bostryx* (*Platybostryx*) *weyrauchi* Pilsbry, 1944. Orthalicidae.
- paucistrigatus*, *Neopetraeus arboriferus* – Weyrauch, 1967a: 417–418, pl. 5, figs. 65–67; northern Peru [HT **FML 1239a**; PT **FML 1239**, **1540**, **FMNH**, **SMF 164129**, WW 1540]. Orthalicidae.
- peiranoi*, *Littoridina* – Weyrauch, 1963a: 252–254, pl. [1], figs. 5–8; Tucumán, Argentina [HT **FML 41a**; PT **FML 41b–d**, **SBMNH 83317**]. Cochliopidae.
- peruvianus*, *Pupoides* (*Pupoides*) *albilabris* – Weyrauch, 1960c: 117–119, pl. 11, figs. 1, 2; central Peru [HT **SMF 162160**; PT **SMF 162161**, **162162**, **156378**, **ANSP**, **BMNH**, **FMNH 107843**, **NNM**, USNM, WW 3250]. Pupillidae.
- peterseni*, *Zilchogyra* – Weyrauch, 1965b: 125–126, pl. 7, fig. “3” [sic = fig. 2 (Zilch, 1970: 236)]; northwestern Peru [HT **SMF**

- 165245a**; PT **SMF 165245**, **FML 1221**]. Charopidae.
- Pfeifferiella* [subgenus of *Columbinia*] – Weyrauch, 1957: 34. Type-species by original designation: *Columbinia* (*Pfeifferiella*) *haasi* Weyrauch, 1957. Clausiliidae.
- pichitacalugaensis*, *Mesembrinus* (*Ornatimormus*) *henrypilsbryi* – Weyrauch, 1958: 135, pl. 8, fig. 17; central Peru [HT **SMF 156338** (incorrectly as 156388 by Weyrauch (1958) and Zilch (1970)); PT WW 3110]. Orthalicidae.
- pilosus*, *Scutalus* (*Vermiculatus*) – Weyrauch, 1967a: 403–404, pl. 3, figs. 40, 41; central Peru [HT **SMF 162065**; PT **SMF 162066**, **FML 1413**, **1194**, FMNH]. Orthalicidae.
- pilsbryi*, *Drymaeus* – Weyrauch, 1956c: 153–154, pl. 11, fig. 7; Peru [HT **SMF 155303**; PT **FML 192a**]. *Non* Zetek, 1834; see *henrypilsbryi*, *Mesembrinus* (*Ornatimorus*). Orthalicidae.
- pilsbryi*, *Naesiotus* – Weyrauch, 1956b: 67, pl. 1, fig. 4; northern Peru [HT **SMF 155698**; PT **SMF 155699**, **ANSP 194999**, **CAS 64902**, **FML 7463**, **FMNH 56711**]. Orthalicidae.
- pilsbryi*, *Systrophia* (*Systrophia*) *obvoluta* – Weyrauch, 1958: 106–107, pl. 6, figs. 4, 5; central Peru [HT **SMF 156344**; PT **SMF 156345**, **156346**, **FML 642**, **ZMB 109019**]. Scolodontidae.
- pilsbryi*, *Temesa* – Weyrauch, 1956c: 146–148, pl. 11, figs. 1–4; central Peru [HT **SMF 155296**; PT **SMF 155297**, **155298**, **155299**, **FML 1048** (ex WW 3058), **ANSP 204505**, (?)355505, **MCZ 211974**, **FMNH 57255**, **FEL**, **SBMNH 35318**, **35335**, **361319**, **USNM**, **ZMB 101646**]. Clausiliidae.
- planispira*, *Systrophia* (*Systrophia*) – Weyrauch, 1967a: 429–431, pl. 6, fig. 82; northern Peru [HT **FML 1266a**; PT **FML 1266**]. Scolodontidae.
- primigenia*, *Temesa* (*Temesa*) *pilsbryi* – Weyrauch, 1960c: 120–121, pl. 11, fig. 8; central Peru [HT **SMF 162147**]. Clausiliidae.
- Psadariella* [subgenus of *Solaropsis*] – Weyrauch, 1956c: 159. Type-species by original designation: *Solaropsis* (*Psadariella*) *palizae* Weyrauch, 1956c. Pleurodontidae.
- Pseudoglandina* – Weyrauch, 1967b: 485–486. Type species by original designation: *Pseudoglandina* *agitata* Weyrauch, 1967b. Amphibulimidae.
- Pseudoperonaeus* [subgenus of *Bostryx*] – Weyrauch, 1958: 111. Type-species by original designation: *Bostryx* (*Pseudoperonaeus*) *bermudezae* Weyrauch, 1958. Orthalicidae.
- pygmaeus*, *Bostryx* (*Bostryx*) – Weyrauch, 1960c: 121–122, pl. 11, figs. 10, 11; central Peru [HT **SMF 162127**; PT **SMF 162128**, **FML 3317**, **FMNH 107845**]. Orthalicidae.
- pygmaea*, *Temesa* (*Temesa*) *albocostata* – Weyrauch, 1963b: 272–273, pl. 1, figs. 3, 4; central Peru [HT **SMF 162111**; PT **SMF**, **FML 1039**, **3321**, **FMNH 107829**, **217002**, **USNM**, **WW 3321**]. Clausiliidae.
- quadritaeniatus*, *Drymaeus* (*Orodrymaeus*) *farrisi* – Weyrauch, 1956c: 150–151, pl. 11, fig. 9; northern Peru [HT **SMF 155306**; PT WW 2132]. Orthalicidae.
- rehderi*, *Bostryx* (*Elatibostryx*) – Weyrauch, 1960a: 35–36, pl. 3, figs. 4, 5; central Peru [HT **SMF 156386**; PT **SMF 156387**, **156388**, **AMS**, **ANSP**, **BMNH**, **FML 3207**, **FMNH 84715**, **MCZ 233540**, **MUSNM**, **WW 3207**, **NNM**, **NRJ 4447**, **SBMNH 83309**]. Orthalicidae.
- rodriguezae*, *Bostryx* (*Bostryx*) – Weyrauch, 1967b: 475–476, pl. 3, figs. 33–48; central Peru [HT **FML 1125a**; PT **FML 3315**, **FMNH 107835**, **216918**, **MNRJ 4439**, **SBMNH 83318**, **SMF 162123**, **277316**, **WW 3331**]. Orthalicidae.
- scotophilus*, *Bostryx* (*Bostryx*) – Weyrauch, 1967a: 353–354, pl. 1, fig. 10; central Peru [HT **FML 1130**; PT **FML 1424** (presumably ex WW 1130)]. Orthalicidae.
- semiclausula*, *Epiphragmophora* *diluta* – Weyrauch, 1960a: 45, pl. 6, fig. 36; southern Peru [HT **SMF 162040**; PT **FML 1627**]. *Non* Hylton-Scott, 1951. See next entry. Epiphragmophoridae.
- semiaperta*, *Epiphragmophora* *diluta* – Weyrauch, 1964a: 169 (*nov. nom. pro E. diluta semiclausula* Weyrauch, 1960a, *non* Hylton-Scott, 1951). Epiphragmophoridae.
- shutcoënsis*, *Temesa* (*Temesa*) *pilsbryi* – Weyrauch, 1960c: 119, pl. 11, fig. 6; central Peru [HT **SMF 162114**; PT **SMF 162115**, **FML 1051**, **FMNH 107837**, **WW 3347**, **USNM**]. Clausiliidae.
- silvaevagus*, *Naesiotus* – Weyrauch, 1960a: 36–37, pl. 4, fig. 20; central Peru [HT **SMF 162001**; PT **FML 3279**]. Orthalicidae.
- silvaevagus*, *Obeliscus* (*Microbeliscus*) – Weyrauch, 1964b: 40–41, fig. 2; central Peru [HT **FML 1219**]. Subulinidae.
- similis*, *Littoridina* – Weyrauch, 1963a: 256, pl. [1], figs. 13, 14; southern Peru [Hydrobiidae. HT **FML 1002a**; PT **FML 1002b**, **3883**, **SBMNH 83359**, **SMF 164090**, **USNM**]. Cochliopidae.
- souzalopesi*, *Drymaeus* (*Drymaeus*) – Weyrauch, 1965a: 73–74, figs. 4, 5; Goyaz,

- Brazil [HT WW 10622a; PT WW 10622, **FMNH 216828, 216990**]. Orthalicidae.
- subterranea*, *Columbinia* (*Pfeifferiella*) – Weyrauch, 1957: 68, pl. 1, fig. 3; northern Peru [HT **SMF 155718**; PT **SMF 156234, FMNH 217059, MCZ 233530**, WW 2007]. Clausiliidae.
- superba*, *Peruinia flachi* – Weyrauch, 1960a: 24–25, pl. 3, figs. 1–3; central Peru [HT **SMF 156235**; PT **SMF 156236, 162036, 162037, FEL, FLM 3092, FMNH 107866, 217018**, NNM, USNM, Rolf A. Brandt collection (now in the SMF)]. Clausiliidae.
- superbus*, *Bostryx* (*Multifasciatus*) – Weyrauch, 1967a: 365–367, pl. 1, figs. 15–19; central Peru [HT **FML 1137a** (ex WW 3330); PT **FML 1137, FMNH 107866, 217018, SMF 162120**]. Orthalicidae.
- tarmensis*, *Naesiotus* (*Reclasta*) – Weyrauch, 1967b: 479–480, pl. 4, figs. 51, 52; central Peru [HT **SMF 162017**, PT **SMF 162018, FML 4146, 4147, CAS 80848, FMNH 216991, MNRJ 4418**, WW 1459]. Orthalicidae.
- tenuissimus*, *Plekocheilus* (*Orcesiellus*) – Weyrauch, 1967b: 469–470, pl. 2, fig. 23, pl. 4, fig. 50; Pichincha, Ecuador [HT WW 3364]. Orthalicidae.
- terrestris*, *Steeriana* (*Cylindronenia*) *maranhonensis* – Weyrauch, 1964b: 44–45, figs. 4, 5; northern Peru [HT **FML 702a**; PT **FML 702, ANSP, FMNH 30733, SMF 62566, 62677**]. Clausiliidae.
- Thaumastiella* [subgenus of *Thaumastus*] – Weyrauch, 1956b: 11–12. Type-species by original designation: *Bulimulus* (*Protoglyptus*) *sarcochrous* Pilsbry, 1897. Orthalicidae.
- thomei*, *Bulimulus* (*Rhinus*) – Weyrauch, 1967b: 481–482, pl. 1, figs. 3–5; Rio Grande do Sul, Brazil [HT MRCN 1021a; PT MRCN 1021, **FML 1262, FMNH 217442**, WW 10669]. Orthalicidae.
- thomei*, *Radiodiscus* – Weyrauch, 1965b: 121–122, pl. 7, fig. 1; southeastern Brazil [HT MRCN 1073a; PT MRCN 1073, **FML 1262**]. Charopidae.
- translucidus*, *Drymaeus* (*Drymaeus*) – Weyrauch, 1967a: 422–424, pl. 6, figs. 78, 79; central Peru [HT **FML 1202a**; PT **FML 1202b, SMF 162158**]. Orthalicidae.
- Trichohelicina* [subgenus of *Helicina*] – Weyrauch, 1966: 41–42. Type species by original designation: *Helicina* (*Trichohelicina*) *klappenbachi* Weyrauch, 1966. Helicinidae.
- tridentata*, *Zilchistrophia* – Weyrauch, 1960a: 27–28, pl. 3, fig. 6; central Peru [HT **SMF 162006**; PT **FML 3280**]. Family uncertain.
- Trochogyra* [subgenus of *Zilchogyra*] – Weyrauch, 1965b: 126. Type-species by original designation: *Endodonta superba* Thiele, 1927. Charopidae.
- turritus*, *Naesiotus* (*Raphiellus*) [sic = *Rhaphiellus*] – Weyrauch, 1967a: 412–414, pl. 5, fig. 64, 64a; northern Peru [HT **FML 1229a** (ex WW 3976a); PT **FML 1229** (ex WW 3976)]. Orthalicidae.
- Unilamellatus* [subgenus of *Ptychodon*] – Weyrauch, 1965b: 134. Type-species by original designation: *Ptychodon* (*Unilamellatus*) *unilamellatus* Weyrauch, 1965b. Endodontidae.
- unilamellatus*, *Ptychodon* (*Unilamellatus*) – Weyrauch, 1965b: 134, pl. 7, fig. 4; central Peru [HT WW 3863a; PT **SMF 164138**, WW 3863]. Endodontidae.
- Vermiculatus* [subgenus of *Scutalus*] – Weyrauch, 1967a: 384–405. Unavailable; no differentiation description or definition provided and no type species designated (ICZN Code Art. 13); first made available by Breure (1978: 166); type species: *Bulinus bicolor* G. B. Sowerby I, 1835. Orthalicidae.
- vilchezi*, *Bostryx* (*Bostryx*) – Weyrauch, 1960a: 32–33, pl. 3, figs. 8–10; northern Peru [HT **SMF 155704**; PT **SMF 155705, 162038, 162039, 208048, 277322, AMS, ANSP 204513, BMNH, FML 2009, FMNH 84711, 216897, 216899, MCZ 211969**, NNM, NMC, **MNRJ 4441, SBMNH 35330, 361320**, USNM]. Orthalicidae.
- willinki*, *Bostryx* (*Bostryx*) – Weyrauch, 1964b: 54–55, fig. 12; Catamarca, Argentina [HT **FML 121a**; PT **FML 121**]. Orthalicidae.
- woytkowski*, *Leptarionta* – Weyrauch, 1960c: 130–131, pl. 11, fig. 9; northern Peru [HT **SMF 164000**; PT WW 3358]. Xanthonychidae.
- wygodzinskyi*, *Radiodiscus* – Weyrauch, 1965c: 110–112, fig. 3; Tucumán, Argentina [HT **FML 4148a**; PT: **FML 764, 1282**, WW 4148]. Charopidae.
- zilchi*, *Bostryx* (*Bostryx*) – Weyrauch, 1958: 108–109, pl. 9, figs. 41, 42; central Peru [HT **SMF 156348**; PT **SMF 156349, FML 1185** (ex WW 3113), **FMNH 216886, MCZ 233539**, USNM]. Orthalicidae.
- zilchi*, *Epiphragmophora* – Weyrauch, 1960a: 44–45, pl. 6, figs. 41–44; southern Peru [HT **SMF 156391**; PT **SMF 156392, 156393, 156394, FML 1428, FMNH 56707**, W. Biese collection (Santiago, Chile)]. Epiphragmophoridae.
- zilchi*, *Naesiotus* – Weyrauch, 1956b: 910, pl. 1, fig. 6; northern Peru [HT WW 1908; PT

- ANSP 194998, FMNH 56714, SMF 155701].** Orthalicidae.
- zilchi*, *Scutalus (Vermiculatus) culmineus* – Weyrauch, 1967a: 393–394, pl. 9, figs. 139, 140; central Peru [HT **FML 3328a**; PT **FML 3328**, 4032, **SMF 162141**]. Orthalicidae.
- zilchi*, *Stenostylus* – Weyrauch, 1956c: 156–157, pl. 11, fig. 18; Peru [HT **SMF 155314**]. Orthalicidae.
- zilchi*, *Systrophia (Systrophia)* – Weyrauch, 1967a: 431–433, pl. 6, fig. 81; southern Peru [HT **SMF 162007**; PT **SMF 162008**, **FML 1273**, **2108**, **4001**, FMNH]. Scolodontidae.
- zilchi*, *Temesa (Temesa)* – Weyrauch, 1963b: 285–288, pl. 1, fig. 14; central Peru [HT **FML 1053**; PT **FML 3329**, **SMF 162177**, USNM]. Clausiliidae.
- Zilchiella* – Weyrauch, 1957: 9. Type-species by original designation: *Zilchiella grandiportus* Weyrauch, 1957. Clausiliidae.
- Zilchistrophia* – Weyrauch, 1960a: 26. Type-species by original designation: *Zilchistrophia tridentata* Weyrauch, 1960a. Family uncertain.
- Zilchogyra* – Weyrauch, 1965b: 122–123. Type-species by original designation: *Helix costellata* d'Orbigny, 1836. Charopidae.
- zischkai*, *Nenia (Columbinia)* – Weyrauch, 1956a: 113–115, pl. 6, fig. 3, 3a; eastern Bolivia [HT WW 1368; PT **ANSP 328089**]. Clausiliidae.

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- Bostryx weyrauchi* Pilsbry, 1944. *The Nautilus*, 57(3): 87–88, pl. 9, fig. 5 [Gastropoda].
- Neopetraeus weyrauchi* Pilsbry, 1944. *The Nautilus*, 57(3): 88, pl. 9, fig. 4 [Gastropoda].
- Thaumastus (Scholvienia) weyrauch* [sic] Pilsbry, 1944. *The Nautilus*, 57(4): 121, pl. 11, fig. 2, 2a [Gastropoda].
- Nenia weyrauchi* Pilsbry, 1945. *The Nautilus*, 58(3): 82, pl. 3, fig. 5 [Gastropoda].
- “*Austroselenites (?)*” *weyrauchi* Haas, 1951. *Fieldiana, Zoology*, 31(46): 535–537, fig. 119 [Gastropoda].

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